

Figure 1

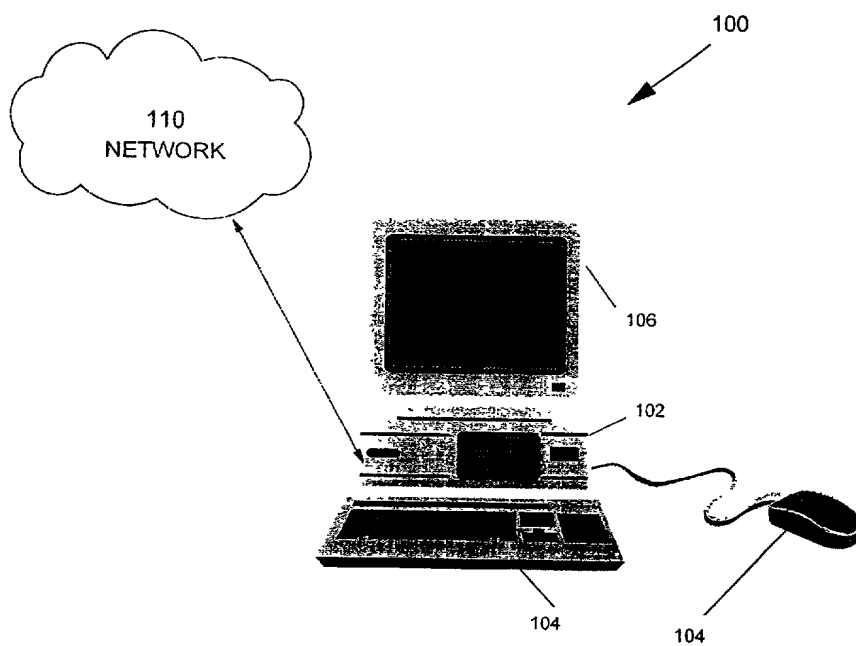
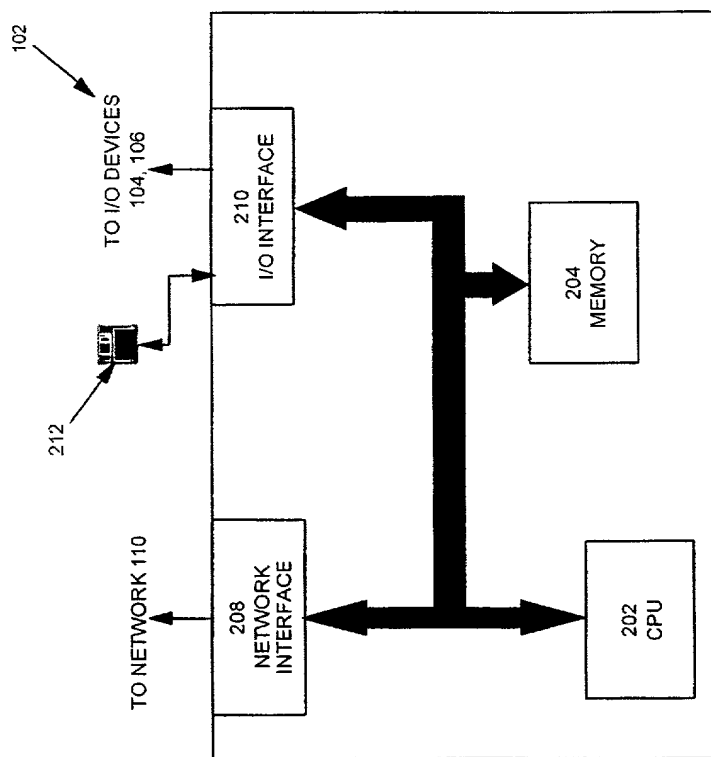


FIGURE 2



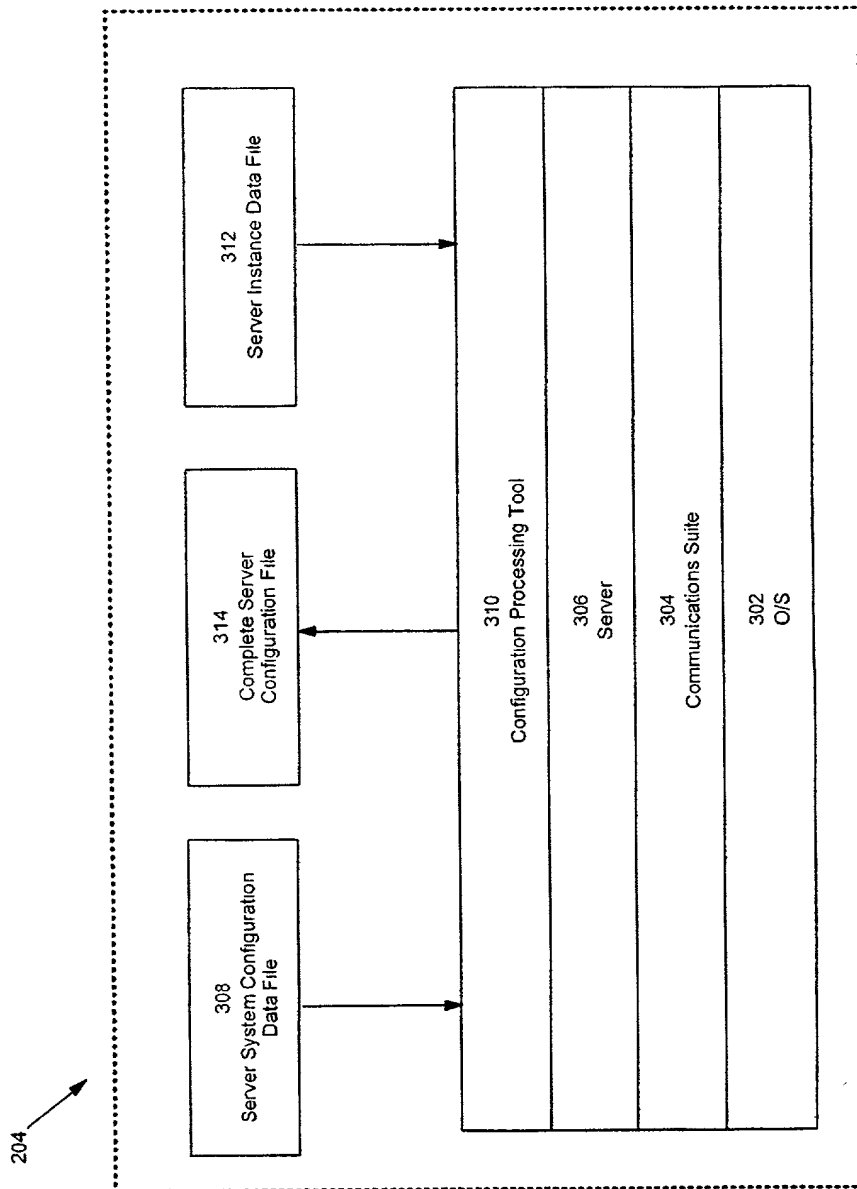


FIGURE 4

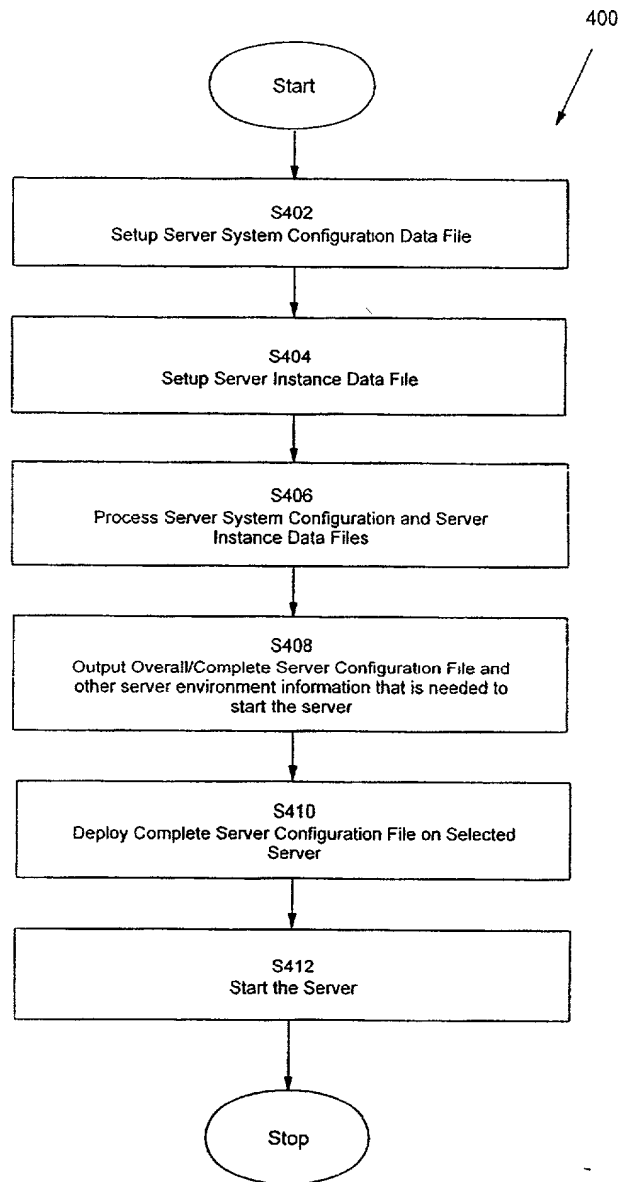


FIGURE 4A

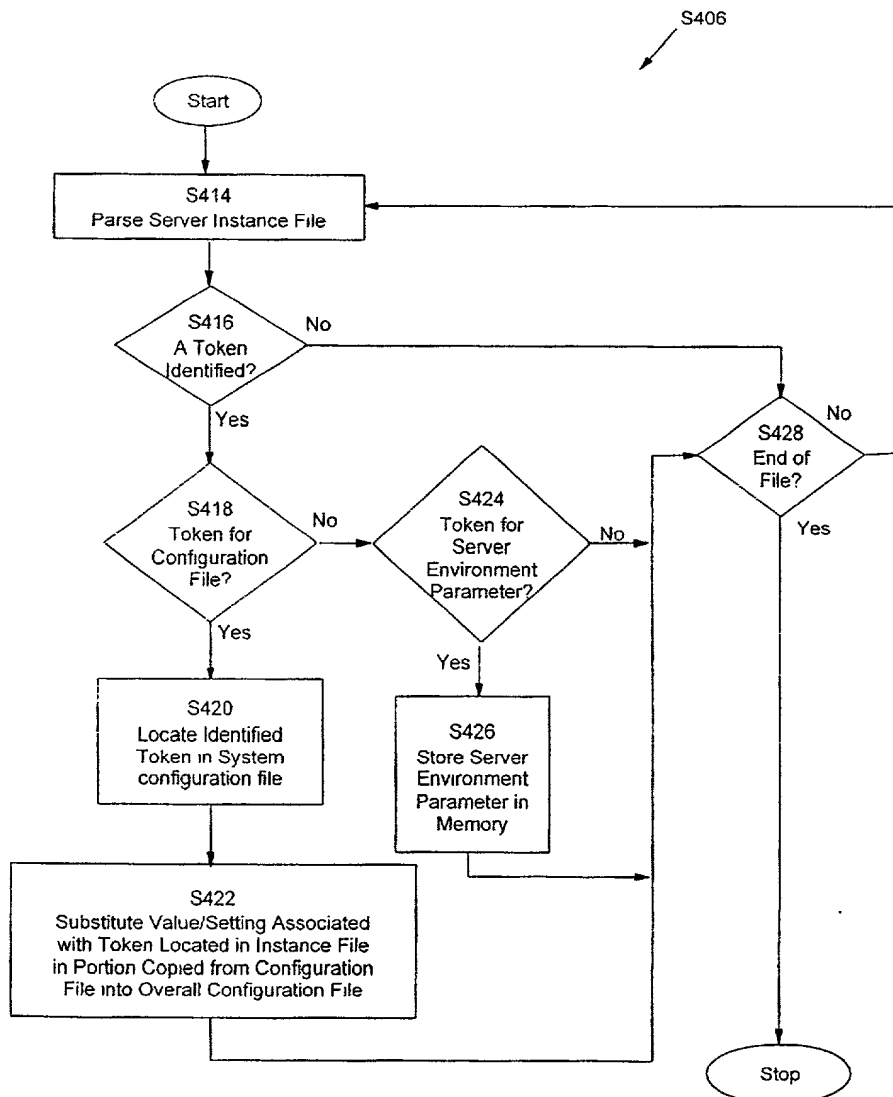


FIG. 5A

```
<applicationserver:Domain xmi:version="2.0" xmlns:xmi="http://www.omg.org/XMI"
xmlns:applicationserver="applicationserver.xmi" xmlns:security="security.xmi"
xmlns:resources="resources.xmi" xmlns:server="server.xmi" xmi:id="Domain_1"
name="config1">
  <virtualHosts xmi:id="VirtualHost_1" name="default_host">
    <aliases xmi:id="HostAlias_1" hostname="*" port="8080"/>
    <defaultMimeEntries xmi:id="MimeEntry_1" type="image">
      <extensions>gif</extensions>
    </defaultMimeEntries>
  </virtualHosts>
  <security xmi:id="Security_1" cacheTimeout="30000" enabled="false"
activeAuthMechanism="LocalOSAuthentication_1">
    <authMechanisms xsi:type="security:LocalOSAuthentication"
xmi:id="LocalOSAuthentication_1">
      <userRegistry xsi:type="security:LocalOSUserRegistry" xmi:id="LocalOSUserRegistry_1"
serverId="localhost" serverPassword="{XOR}Jycn" name="LOCALOS">
        </userRegistry>
      </authMechanisms>
    </security>
    <resourceProviders xsi:type="resources:JDBCDBDriver" xmi:id="JDBCDBDriver_1"
name="Db2JdbcDriver" description="A JDBC Driver Description Goes Here"
implementationClassName="COM.ibm.db2.jdbc.app.DB2Driver" urlPrefix="jdbc:db2">
      </factories>
    </resourceProviders>
    <resourceProviders xsi:type="resources:URLProvider" xmi:id="URLProvider_1"
name="Default URL Factory" description="The default resource factory to use for creating
URL's" streamHandlerClassName="com.ibm.resources.URLResourceProvider"
protocol="piglatin">
      <factories xsi:type="resources:URL" xmi:id="URL_1" name="IBM Public"
jndiName="url/IBM-Public" category="#60;unfiled">
        spec="http://www.ibm.com/index.html">
          <propertySet xmi:id="URL_1_ps"/>
        </factories>
      </resourceProviders>
    <nodes xmi:id="Node_1" name="localhost">
      <servers xsi:type="applicationserver:ApplicationServer" xmi:id="ApplicationServer_1"
desiredExecutionState="START" name="Default Server" id="-1"
moduleVisibility="COMPATIBILITY">
        <processDefinition xsi:type="server:JavaProcessDef" xmi:id="ProcessDef_1"
executableName="java.exe" commandLineArguments="">
          <executionSettings xmi:id="ProcessExecution_1" processPriority="1000" umask="777"
runAsUser="root" runAsGroup="default"/>
          <ioRedirect xmi:id="OutputRedirect_1"
stdoutFilename="d:/apps/WebSphere/AppServer/logs/default_server_stdout.log"
stderrFilename="d:/apps/WebSphere/AppServer/logs/default_server_stderr.log"/>
        </processDefinition>
      </servers>
    </nodes>
  </security>
</applicationserver:Domain>
```

FIG. 5B

```

<jvmSettings xmi:id="JavaVirtualMachine_1" classpath="" bootClasspath=""
verboseModeClass="false" verboseModeGarbageCollection="false" verboseModeJNI="false"
hprofArguments="" debugMode="false"/>
</processDefinition>
<transactionService xmi:id="TransactionService_1"
transactionLogFile="d:/apps/WebSphere/AppServer/tranlog/tran1.log,d:/apps/WebSphere/AppSe
rver/tranlog/tran2.log" totalTranLifetimeTimeout="60000" clientInactivityTimeout="30000"/>
<traceService xmi:id="TraceServiceConfig_1" enable="false"
traceSpecification="com.ibm.ws.runtime.*=all=disabled"
traceOutputFilename="d:/apps/WebSphere/AppServer/logs/trace.log" diagThreadPort="7000"/>
<namingServiceSettings xmi:id="NamingServiceProvider_1" providerHost="localhost"
providerPort="9070"
providerClassName="com.ibm.ejs.naming.transient.NamingServiceProvider"/>
<webContainer xmi:id="WebContainer_1" installedWebModules="WebModuleRef_1
WebModuleRef_2">
<transports xsi:type="applicationserver:HTTPTransport" xmi:id="HttpTransport_1"
hostname="" port="8080"/>
</webContainer>
<serverSecurityConfig xmi:id="ServerSecurityConfig_1"
useDomainQualifiedUserNames="false"/>
</servers>
<installedResourceProviders xmi:id="ResourceProviderRef_1"
classpath="c:/sqlib/java/db2java.zip" resourceProvider="JDBCDBDriver_1"/>
<installedApps xmi:id="ApplicationRef_1" name="IBMUTC"
archiveURL="e:/demo/IBMUTC.ear">
<modules xsi:type="applicationserver:WebModuleRef" xmi:id="WebModuleRef_1"
uri="UTC.war"/>
</installedApps>
<pathMap xmi:id="PathMap_1">
<entries xmi:id="PathMapEntry_1" symbolicName="APP_INSTALL_ROOT"
path="e:/demo" description="The filesystem path to the directory which will contain installed
enterprise applications."/>
<entries xmi:id="PathMapEntry_2" symbolicName="LOG_ROOT"
path="d:/apps/WebSphere/AppServer/logs" description="The filesystem path to the directory
which will contain server log files."/>
<entries xmi:id="PathMapEntry_4" symbolicName="PRODUCT_INSTALL_ROOT"
path="d:/apps/WebSphere/AppServer" description="The filesystem path to the product
installation directory"/>
<entries xmi:id="PathMapEntry_5" symbolicName="WAS_ROOT"
path="d:/apps/WebSphere/AppServer" description="The filesystem path to the product
installation directory"/>
</pathMap>
</nodes>
</applicationserver:Domain>

```

604

FIGURE 6